HYDROBIOLOGIA
Volume 448, 1 April 2001

Part I
Lake Apopka Forum

Model erroneously predicts failure for restoration of Lake Apopka, a hypereutrophic, subtropical lake
Claire L. Schelske, William F. Kenney 1–5

Sediment removal by the Lake Apopka marsh flow-way
Roger W. Bachmann, Mark V. Hoyer, Daniel E. Canfield Jr. 7–10

The restoration of Lake Apopka in relation to alternative stable states: an alternative view to that of Bachmann et al. (1999)
Edgar F. Lowe, Lawrence E. Battoe, Michael F. Coveney, Claire L. Schelske, Karl E. Havens, Erich R. Marzolf, K. Ramesh Reddy 11–18

Evaluation of recent limnological changes at Lake Apopka
Roger W. Bachmann, Mark V. Hoyer, Daniel E. Canfield Jr. 19–26

Part II
Regular Articles

Periphyton nutrient limitation and other potential growth-controlling factors in Lake Okeechobee, U.S.A.
Andrew J. Rodusky, Alan D. Steinman, Therese L. East, Bruce Sharfstein, Richard H. Meeker 27–39

***Mongolodiaptomus dumonti* n. sp., a new freshwater copepod (Calanoida, Diaptomidae) from Thailand**
La-orsri Sanoamuang 41–52

Basal rosette or floating leaf canopy – an example of plasticity in a rare aquatic macrophyte
Sabine Greulich, Marie-Hélène Barrat-Segretain, Gudrun Bornette 53–59

Seasonal changes in the respiratory electron transport system (ETS) and respiration of the zebra mussel, *Dreissena polymorpha* in Saginaw Bay, Lake Huron
David L. Fanslow, Thomas F. Nalepa, Thomas H. Johengen 61–70

Microbial community structure and function in response to larval chironomid feeding pressure in a microcosm experiment
P.E. Yeager, C.L. Foreman, R.L. Sinsabaugh 71–81

Long-term phytoplankton changes in an artificially divided, top-down manipulated humic lake
Annett Hehmann, Lothar Krienitz, Rainer Koschel 83–96

Feeding ecology of the endangered Valencia toothcarp, *Valencia hispanica* (Actinopterygii: Valenciidae)
Nuno Caiola, Maria Josep Vargas, Adolfo de Sostoa 97–105

Spatial patterns of benthic diatoms, carbohydrates and mud on a tidal flat in the Ems-Dollard estuary
Natascha Staats, Eric M.G.T. de Deckere, Ben de Winder, Lucas J. Stal 107–115

Establishing realistic restoration targets for nutrient-enriched shallow lakes: linking diatom ecology and palaeoecology at the Attenborough Ponds, U.K.
Carl D. Sayer, Neil Roberts 117–142

Larval development of *Euphausia superba* Dana, 1852 and a phylogenetic analysis of the Euphausiacea
Andreas Maas, Dieter Waloszek 143–169

Morphology and morphogenesis of *Holosticha heterofoissneri* nov. spec. from the Yellow Sea, China (Ciliophora, Hypotrichida)
Xiaozhong Hu, Weibo Song 171–179

Two new species of *Caprella* (Crustacea:Amphipoda:Caprellidea) collected from sandy bottoms in the Strait of Gibraltar
J.M. Guerra-García, J.E. Sánchez-Moyano, J.C. García-Gómez 181–192

Ecology of cavernicolous ciliates from the anchihaline lagoons of Mallorca
Philip G. Carey, Angela J. Sargent, Antoni Martínez Taberner, Guillem Ramón, Gabriel Moyà 193–201

The first record of two demersal calanoid copepods, *Pseudodiaptomus poplesia* and *P. nihonkaiensis* in Korea, with remarks on morphology of the genital area
Ho Young Soh, Hae-Lip Suh, Ok Hwan Yu, Susumu Ohtsuka 203–215

Plant distribution and abundance in relation to physical conditions and location within Danish stream systems
Tenna Riis, Kaj Sand-Jensen, Søren E. Larsen 217–228

New records of Amphipoda Hyperiidea in associations with gelatinous zooplankton
Marilene C.G. de Lima, Jean L. Valentin 229–235

Book reviews 237–245

Author index 247

Electronic journals at
KluwerOnline
WWW.KLUWERONLINE.NL
Contact your librarian for more information